PTO/SB/21 (08-03)
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"E)		Application Number	10/651,452
TRANSMITTAL		Filing Date	8/29/03
1 5 2004 T FORM		First Named Inventor	Somashekar Subrahmanyam
(to sused for all correspondence after initial filing)		Art Unit	2121
R ADBINATE ST		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	T	Attorney Docket Number	109869-134067
Total Number of Fages III This Gabinission			
	ENCI	LOSURES (Check all that	
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Ferminal Disclaimer Request for Refund CD, Number of CD(s)	After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): 3 Cited Documents; Return Receipt Postcard
	TURE C	F APPLICANT, ATTORN	EY, OR AGENT
Firm Aloysius T.C. AuYeung, R or SCHWABE, WILLIAMSOI			
Signature	Aur-	Te	
Date		1/13/04	
C	ERTIFIC	ATE OF TRANSMISSION	I/MAILING
I hereby certify that this correspondence is b sufficient postage as first class mail in an enthe date shown below.	eing facsi velope add	mile transmitted to the USPTO or dressed to: Commissioner for Pat	deposited with the United States Postal Service with tents, P.O. Box 1450, Alexandria, VA 22313-1450 on
Typed or printed name David Rapoza			
Signature	//.		Date 1/12/04

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Telephone 503-222-9981

Date

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「「FEE TRANSMITTA	Complete if Known				
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JAN 1 5 2004 Sefor FY 2004	Filing Date 8/29/03				
Effective 100 12003. Patent fees are subject to annual revision	First Named Inventor Somashekar Subrahmanyam				
	Examiner Name Not Yet Assigned				
Claims small entity status. See 37 CFR 1.27	Art Unit 2121				
TOTAL AMOUNT OF PAYMENT (\$) 0.00	Attorney Docket No. 109869-134067				
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Check Credit card Money Other None	3. ADDITIONAL FEES				
Deposit Account:	Large Entity Small Entity				
Deposit 50000	Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid				
Account Number 500393	1051 130 2051 65 Surcharge - late filing fee or oath				
Deposit Account Schwabe, Williamson & Wyatt	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet				
Name	1053 130 1053 130 Non-English specification				
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination				
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action				
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after				
to the above-identified deposit account.	Examiner action				
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month				
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within second month				
Large Entity Small Entity Fee Fee Fee Fee Fee Paid	1253 950 2253 475 Extension for reply within third month				
Code (\$) Code (\$)	1254 1,480 2254 740 Extension for reply within fourth month				
1001 770 2001 385 Utility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month				
1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal				
1003 530 2003 265 Plant filing fee	1 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing				
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding				
1005 160 2005 80 Provisional filing fee	1457 1,310 1457 1,310 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 0.00	1453 1,330 2453 665 Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					
Ext <u>ra Claims</u> Fee from Fee Paid					
Total Claims20** = X =	1503 640 2503 320 Plant issue fee				
Independent Claims - 3** = X = =	1460 130 1460 130 Petitions to the Commissioner				
Multiple Dependent	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity	1806 180 1806 180 Submission of Information Disclosure Stmt				
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per				
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection				
1201 86 2201 43 Independent claims in excess of 3	(37 CFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))				
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 0.00	Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00				
SUBMITTED BY	(Complete (if applicable))				

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Registration No.

35,432

Wan

Name (Print/Type)

Signature

Aloysius T.C. AuYeung

(Complete (if applicable))

Telephone 503-222-9981

/ 0KD

PTO/SB/17 (10-03)

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8/29/03 for FY 2004 Filing Date First Named Inventor Somashekar Subrahmanyam Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 2121 Art Unit TOTAL AMOUNT OF PAYMENT (\$) 0.00 109869-134067

TOTAL AMOUNT OF PAYMENT (\$) 0.00 Attorney Docket No. 109869-134067						
METHOD OF PAYMENT (check all that apply) FEE CALCUI					CALCULATION (continued)	
Check Credit card Money Other None 3. ADDITION				FEE	S	
Deposit Account:	<u>Large</u>	Entity	Small I	Entity		
Denocit	Fee			Fee	Fee Description	
Account 500393	Code 1051	130	Code 2051	(\$) 65	Surcharge - late filing fee or oath	ee Paid
Number Deposit	1052	50	2052		Surcharge - late provisional filing fee or	
Account Name Schwabe, Williamson &Wyatt	1032	50	2002		cover sheet	
The Director is authorized to: (check all that apply)	1053	130	1053		Non-English specification	
Charge fee(s) indicated below Credit any overpayments		2,520	1812 2		For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804		Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805 1	,840*	Requesting publication of SIR after	
to the above-identified deposit account.	1251	110	2254		Examiner action	
FEE CALCULATION	1251 1252	110	2251 2252		Extension for reply within first month Extension for reply within second month	
1. BASIC FILING FEE	1252	420 950				
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid		1,480	2253 2254		Extension for reply within third month	
Code (\$) Code (\$)					Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	•	2,010	2255		Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401		Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402		Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable	———————————————————————————————————————
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive - unintentional	
Fee from	1501		2501	665	Utility issue fee (or reissue)	
Total Claims below Fee Paid	1502	480	2502		Design issue fee	
Independent 200	1503	640	2503		Plant issue fee	
Claims - 3 = 1 A 1 1 1 1 1 1 1 1	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	(37 CFR 1.129(a)) For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims					examined (37 CFR 1.129(b))	
over original patent	1801 1802	770 900	2801 1802		Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1002	500	1002	300	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0.00		fee (sp				
**or number previously paid, if greater; For Reissues, see above	*Redu	iced by	Basic F	iling Fe	ee Paid SUBTOTAL (3) (\$) 0.00	

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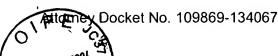
Signature

Aloysius T.C. AuYeung

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Registration No.

35,432



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application for:

Somashekar Subrahmanyam

Application No.: 10/651,452

Filed: 8/29/03

For: FACIAL CHARACTERISTIC

BASED GENERATION OF FILLET WELD BEAD REPRESENTATION

Examiner: Not Yet Assigned

Art Group: 2121

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on this date:

Typed or Printed: David Rapoza

Signature: Date: 1/

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.97(g), the submission of this Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, and, pursuant to 37 C.F.R. § 1.97(h), the submission of this IDS is not to be construed as an admission that the information cited in this IDS is material to patentability.

This IDS is being submitted under one or more of the following sections of 37 C.F.R. § 1.97 (as indicated by an "X" to the left of the appropriate paragraph(s)): X 37 C.F.R. § 1.97(b). Filed: (1) Within three months of a National Application other than a CPA; (2) Within three months of entry into National Stage: (3) Before mailing of a first Office Action on the merits; or (4) Before mailing of a first Office Action after filing an RCE. 37 C.F.R. § 1.97(c). Filed before the mailing of a Final Office Action. Notice of Allowance, or an action that otherwise closes prosecution. And, ONE of the following: (1) One statement from 37 C.F.R. § 1.97(e); (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS. (2) The fee set forth in 37 C.F.R. § 1.17(p). A check in the amount of \$180.00 is enclosed. 37 C.F.R. § 1.97(d). Filed on or before payment of the issue fee. And, BOTH of the following: (1) one statement from 37 C.F.R. § 1.97(e); (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS. (2) The fee set forth in 37 C.F.R. § 1.17(p). A check in the amount of \$180.00 is enclosed.

Accompanying this IDS is a list of references and a copy of each reference listed therein, EXCEPT references pursuant to one or more of the following sections of 37 C.F.R. § 1.98 (as indicated by an "X" to the left of the appropriate paragraph(s)): 37 C.F.R. § 1.98(c) as being cumulative (marked with an "*" on the Form PTO-1449). 37 C.F.R. § 1.98(d) as being previously submitted in parent application _/___, to which the present application claims priority under 35 U.S.C. § 120. The Commissioner is hereby authorized to charge shortages or credit overpayments to Deposit Account No. 500393. A Fee Transmittal is enclosed in duplicate for fee processing purposes. Respectfully submitted, SCHWABE, WILLIAMSON & WYATT, P.C. Aloysius T.C. AuYeung Registration No. 35,432 Pacwest Center, Suites 1600-1900

Pacwest Center, Suites 1600-1900 1211 SW Fifth Avenue Portland, Oregon 97204

Telephone: 503-222-9981

PTO/SB/08A (08-03)

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duction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number Not Assigned Yet Filing Date 8/18/03 INFORMATION DISCLOSURE First Named Inventor Subrahmanyam, S. STATEMENT BY APPLICANT Art Unit Not Assigned Yet (Use as many sheets as necessary) Examiner Name Not Assigned Yet 109869-134068 Attorney Docket Number Sheet 1

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		^{US-} 6,445,338 B1	9/3/2002	Subrahmanyan, et al.			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ₆	
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Examiner	Date		
Signature	Consider	d l	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Standard ST.3). Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document will be symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form		e required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known			
	Application Number	Not Assigned Yet			
INFORMATION DISCLOSUR	Filing Date	8/18/03			
STATEMENT BY APPLICAN	NT First Named Inventor Somashekar Subrahman				
(Use as many sheets as necessary)	Art Unit	Not Yet Assigned			
lose as many sneets as necessary	Examiner Name	Not Yet Assigned			
Sheet 2 of 2	Attorney Docket Number	109869-134068			

	NON PATENT LITERATURE DOCUMENTS	
Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	PARAMETRIC TECHNOLOGY CORPORATION, "Pro/Engineer 2001, Pro/Welding Topic Collection"	
	JOE GRECO, "A Visual Guide to Solid Edge 10," http://mcadvision.ibsystems.com/October2001/case_full.php	
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c.		
		No.1 the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. PARAMETRIC TECHNOLOGY CORPORATION, "Pro/Engineer 2001, Pro/Welding Topic Collection" JOE GRECO, "A Visual Guide to Solid Edge 10,"

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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